

O-0214
PLOT AN AZIMUTH ON A MAP

CONDITIONS

Given a map, pencil, a straight edge, a known point and a grid azimuth.

OBJECTIVE

Within 2 minutes, plot the azimuth from the given point on a map.

TRAINING AND EVALUATION

Training Outline

1. In some situations, a team might be given an azimuth to plot. A good example would be if another ground team has determined a bearing to a distress beacon from their location. Plotting this azimuth on your map could help with the search.
2. To plot an azimuth.
 - a. Plot the point on the map.
 - b. Ensure that the azimuth is a grid, not a magnetic azimuth. If it is magnetic, convert to a grid azimuth.
 - c. Place the protractor on the point with the “0” degree mark oriented to grid north. Place a pencil mark at the degree mark on protractor corresponding to the azimuth.
 - d. With a straightedge, draw a line from the first point (the position) through the mark you just made.

Additional Information

More detailed information on this topic is available in Chapter 5 of the Ground Team Member and Leader Reference Text.

Evaluation Preparation

Setup: On a map, mark a point. Give the student the map, a pencil, a straightedge, and a protractor.

Brief Team Leader: Verbally give the team leader a grid azimuth. Tell the team leader to plot the azimuth from the point marked on the map within 2 minutes.

Evaluation

Performance measures

Results

1. Draws a line from the point along the correct azimuth +/- 2 degrees within 2 minutes

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Student must receive a pass on all performance measures to qualify in this task. If the individual fails any measure, show what was done wrong and how to do it correctly.